

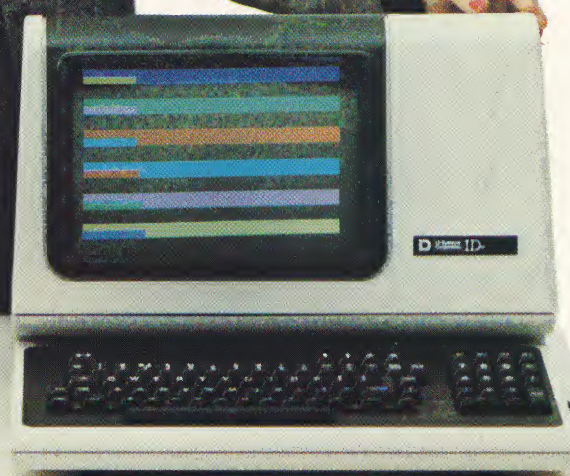
Convert
Your
Black
& White
DEC VT 100®
to.....

Full
Color

For Only
\$1995⁰⁰*

From this...

...to this.



Send us your DEC VT 100®. In 30 days we will return your terminal converted to an ID 100 that will portray **eight colors of character and symbol graphic images** with spectacular clarity and definition.

This ID Systems retrofit requires no periodic adjustment and is warranted for parts and labor for 90 days. The ID system conversion honors all codes normally received by the DEC VT 100® and, it remains plug to plug and fully software compatible.

COLOR . . . for Clarity and Comprehension



**ID Systems
Corporation**

4093 Leap Road, Hilliard, Ohio 43026
(614) 876-1595 TWX 810-482-1049

*Price is FOB, Columbus, Ohio based on a DEC VT 100® in proper operating condition.
®Registered Trade Mark of Digital Equipment Corporation.

RETROFIT INSTRUCTIONS

1. Carefully pack your VT100® to withstand the rigors of shipping. Do not hesitate to use extra packing material to insure safe delivery. If you need a shipping container, contact ID Systems and for a nominal charge, a special shipping container can be forwarded to you. Do not send your VT100® User Guide. Ship the terminal prepaid with your Purchase Order* to:

ID SYSTEMS CORPORATION
4093 Leap Road
Hilliard, Ohio 43026

Your VT100® must be in good operating condition when shipped. If we receive a non- or improperly operating terminal, you will be promptly notified as to what our course of action and cost will be. Your authorization for our actions will be required. Please note on your Purchase Order any existing cosmetic damage.

2. When your terminal arrives at ID Systems, we will carefully inspect and test it.
3. Within 30 days, your terminal will be modified in our production facilities. Your terminal will receive a new 12-inch high resolution color CRT and associated color control circuit boards. One of our color boards is equivalent to Digital Equipment Corporation's AVO (Advance Video Option). Your terminal will be burned-in for 48 hours and calibrated. All components removed for the retrofit will become the property of ID Systems.
4. Your new "COLOR" terminal will be carefully packed in our specially-designed shipping container and returned to you FOB. Included with the terminal will be the necessary instructions for updating your VT100® User Guide with ID-100's color capabilities.

*Your Purchase Order is authorization for ID Systems to convert your VT100® into our ID-100 8-Color Video Terminal.

YOUR NEW ID-100 SPECIFICATIONS

OPERATIONS:

Operating—Temperature: 10° to 40°C (50° to 104°F)
Relative Humidity: 10% to 90%
Maximum wet bulb: 28° (82°F)
Minimum dew point: 2°C (36°F)
Altitude: 2.4 km (8,000 ft)

Non-Operating—Temperature: -40° to 66°C (-40° to 151°F)
Relative Humidity: 0 to 95%
Altitude: 9.1 km (30,000 ft)

Line voltage—90-128 V RMS single phase, 2 wire
180-256 V RMS single phase, 2 wire
(switch-selectable)

Line Frequency—47-63 Hz

Current—2.2 A RMS maximum at 115 V RMS
1.1 A RMS maximum at 230 V RMS

Input Power—250 VA apparent 150 W maximum

Current limiting—3 A normal blow fuse

Power cord—Detachable, 3 prong, 1.9 m (6 ft)

VISUAL:

Twenty-four lines of 80 or 132 characters 7 x 9 upper and lower case ASCII symbols plus special control symbols (128 total).
Foreground/background colors: Red, green, blue, cyan, magenta, yellow, white, black
Blink—Alternating foreground/background colors
Multi-cursor format—visible or invisible
Full addressable cursor operations
Page or slow scroll modes

KEYBOARD:

Cursor type—Keyboard-selectable, blinking block character.
General—83-key detachable unit with a 1.9 m (6 ft) coiled cord attached
Key Layout—65-key arrangement and sculpturing similar to standard typewriter keyboard with an 18-key auxiliary keypad.

Auxiliary Keyboard—18-key numeric pad with period, comma, minus enter, and four general-purpose function keys.

Visual Indicators—Seven LEDs; three LEDs dedicated to ON LINE, LOCAL and KBD LOCKED, four LEDs user-programmable.

Audible signals—Key-click: sound simulates typewriter.
Bell: 1) sounds upon receipt of BEL code:
2) sounds eight characters from right margin (keyboard-selectable).
Multiple bell: sounds upon detection of error in SET-UP save or recall operation.

COMMUNICATION:

Type—EIA

Speeds—Full duplex: 50, 75, 110 (two stop bits), 134.5, 150, 200, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 9600, 19,200.

Code—ASCII

Character Format—Asynchronous

Character Size—7 or 8 bits; keyboard-selectable. (Note: If 8-bit character is selected, eight bit is always space.)

Parity—Even, odd, or none-keyboard-selectable

Synchronization—Keyboard-selectable via automatic generation of XON and XOFF control codes.

DISPLAY:

Size: 12 inch diagonal

Refresh: 60 hertz

Tube Resolution: (.31 mm. pitch)

Operator Adjustments: Brightness

Unit meets all H.E.W. specifications for RFI, radiation at time of manufacture.



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